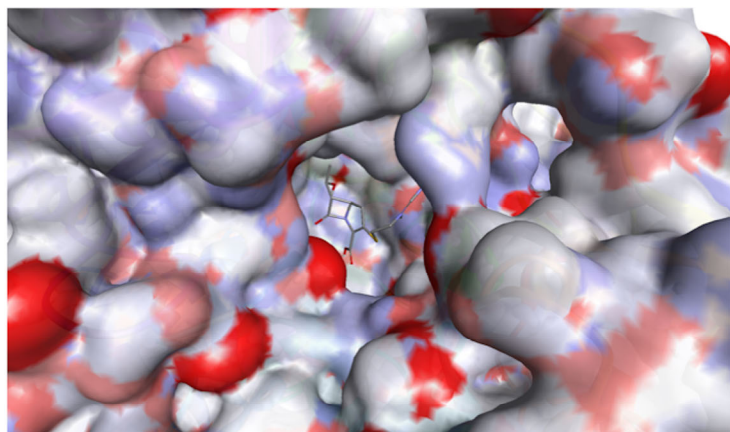
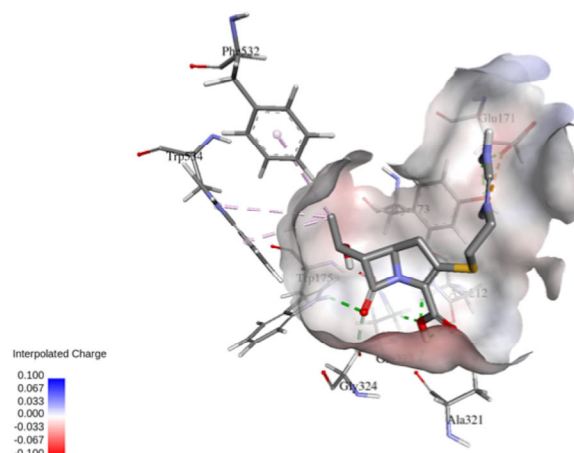


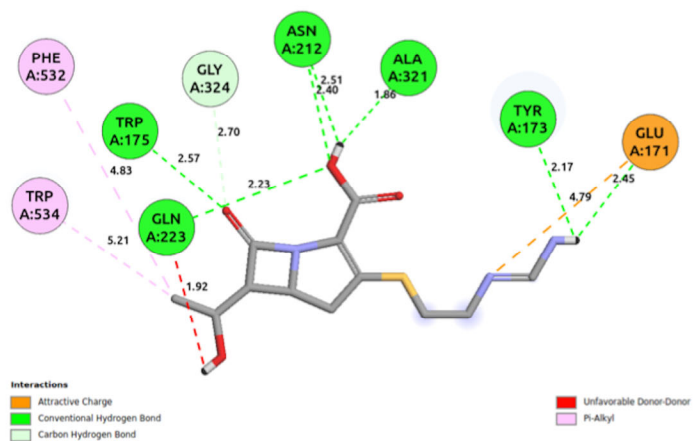
(A) Surface Model



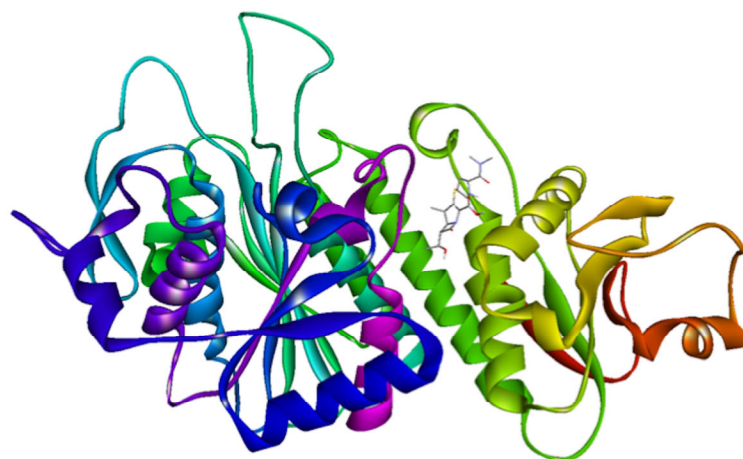
(B) Pocket Interaction Model, Imipenem



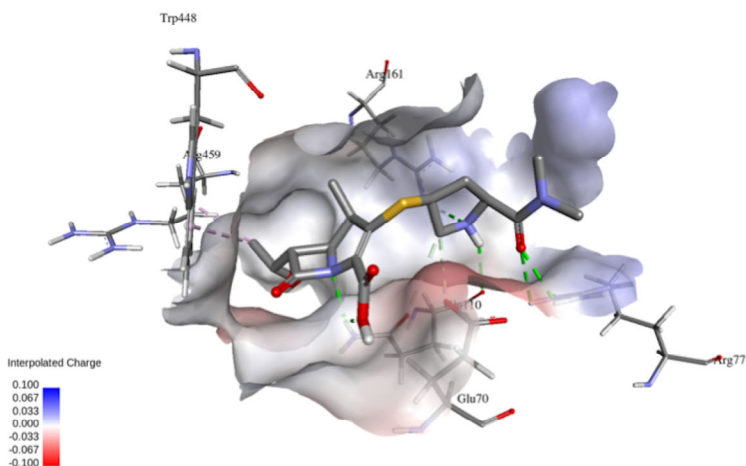
(C) 2D Interaction Model, Imipenem



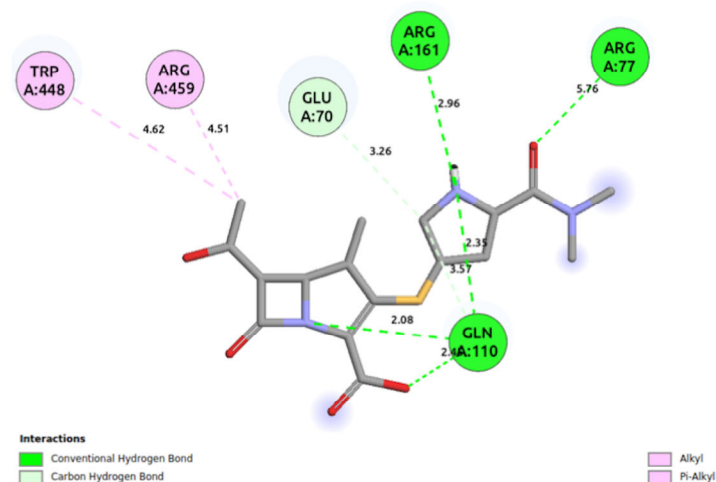
(D) Protein Ligand Complex, Meropenem



(E) Receptor ligand model, Meropenem



(F) 2D Interaction Model, Meorpenem



Supplementary Figure 9. Homology modeling docking of novel AMR genes predicted for *Enterobacter* for antibiotics (Imipenem and Meropenem). **9a.** Surface model of receptor (WP_061096807.1). **9b.** Pocket interaction for receptor (WP_061096807.1) and ligand (Imipenem). **9c.** 2D model for Receptor (WP_061096807.1) and ligand (Imipenem) complex. **9d.** Receptor (WP_023337592.1) and ligand (Meropenem) complex. **9e.** Pocket interaction for Receptor (WP_023337592.1) and ligand (Meropenem) **9f.** 2D Interaction Model for receptor (WP_023337592.1) and ligand (Meropenem).